



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2834⁴³
10/17/02

In re application of:

MICHAEL DEGNER, ET AL

Serial No.: ~~TO BE ASSIGNED~~ 10/065026

Filed: ~~HEREWITH~~ 9-11-02

For: DIAGNOSTIC STRATEGY FOR AN ELETRIC MOTOR USING
SENSORLESS CONTROL AND A POSITION SENSOR

Attorney Docket No.: 201-1190

RECEIVED
SEP 26 2002
TECHNOLOGY CENTER 2800

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.97(b)(1)**

Box Patent Applications
Commissioner for Patents
United States Patent and Trademark Office
Washington, DC 20231

Sir:

In compliance with the duty of disclosure under 37 C.F.R. §1.56 and §1.97-1.98, the references listed and identified on the attached Form PTO/SB08A are being submitted herewith for consideration by the Examiner. This Statement is being filed in accordance with 37 C.F.R. §1.97(b)(1).

While this Statement is being filed in compliance with the duty of disclosure, citation of the attached references is not to be construed as an admission that any of the references are "material" as defined under 37 C.F.R. §1.56(b).

A copy of each reference listed on the attached Forms PTO/SB/08A and B are included herewith. Consideration and entry into the record of these references is respectfully requested.

Respectfully submitted,

MICHAEL DEGNER, ET AL

Dated: 5-31-2002

By:

John M. Naber
Reg. No. 46,487
Attorney for Applicants

FOSTER, SWIFT, COLLINS & SMITH, P.C.
313 South Washington Square
Lansing, MI 48933
Phone: (517) 371-8293
Fax: (517) 367-7393

Scanned/Attached

6/3/02 mt



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	42/065026		
		Filing Date	9-11-02		
		First Named Inventor	Degner, Michael		
		Art Unit			
		Examiner Name			
Sheet	1	of	1	Attorney Docket Number	201-1190

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US- 5376869	12-27-1994	Konrad	
		US- 5532671	07-02-1996	Bachman et al.	
		US- 5811957	09-22-1998	Bose et al.	
		US- 5920175	07-06-1999	Jones et al.	
		US- 5999946	12-07-1999	Bailis et al.	
		US- 6073713	07-13-2000	Brandenburg et al.	
		US- 6104113	08-15-2000	Beifus	
		US- 6137258	10-24-2000	Jansen	
		US- 6163119	12-19-2000	Jeong	
		US- 6321144B1	11-20-2001	Crombez	
		US- 5343970	09-06-1994	Severinsky	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³	Number ⁴ - Kind Code ⁵ (if known)			

Examiner Signature	Date Considered
-----------------------	--------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

control number.				<div>Complete if Known</div> <div>Application Number 10/065026</div> <div>Filing Date 9-11-02</div> <div>First Named Inventor Degner, Michael</div> <div>Group Art Unit</div> <div>Examiner Name</div> <div>Attorney Docket Number 201-1190</div>			
Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>							
Sheet	1	of	1				

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		DEGNER, MICHAEL W. and LORENZ, ROBERT D., "Position Estimation in Induction Machines Utilizing Rotor Bar Slot Harmonics and Carrier-Frequency Signal Injection," IEEE Transactions on Industry Applications, Vol. 36, No. 3, May/June 2000

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Applicant's unique citation designation number (optional). - Applicant is to place a check mark here if English language is not the applicant's first language.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.